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From: Clifford Firstenberg
Sent: Wed 10/26/2016 6:20:25 PM
Subject: New sampling/sample processing protocols

Since we will likely not have revised SOPs to you today and certainly not have them approved by tomorrow, following are the new protocols we plan to follow as a result of our conversations today. Please let me know ASAP if you disagree; we need to discuss so we can inform the crews:

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We will collect one core at each location that retains at least 6 inches of sediment. With 6 inches of sediment, we will have sufficient sediment for our analytical suite. Of course, additional cores will be required for splits and MS/MSD. There will be no adjustment of segment length for compaction or sediment loss.

Therefore, we will meet the following two criteria:

1. Maximum penetration will be the length of the core liner minus a safety factor (I chose 3 inches). I.e., as long as we don't over-penetrate, the core is acceptable if the second criterion is met.
2. Minimum recovery is 6 inches. However, I am uncomfortable using this as the minimum, so have arbitrarily chosen 9 inches (just for consistency with the 3-inch safety factor for criterion 1).

If these two criteria are met, the lab will process the upper 6 in of sediment in the liner, as measured just before processing is initiated, with no adjustment of any sort.

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Agree?

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